

Registration

Registration will be available
April 7—May 2, 2003. Fees are as follows:

\$75 TAG members
\$5 students

Register on-line at:

<http://hfetag.dtic.mil/meetschl.html>

You may register on-line or download registration documents and mail them. You may pay on-line with a credit card through PayPal or mail a check made out to DoD HFE TAG.

CREDIT CARD PAYMENTS WILL ONLY BE ACCEPTED ON-LINE. CREDIT CARDS WILL NOT BE ACCEPTED ON-SITE. A \$5 PROCESSING FEE WILL BE CHARGED ON ALL CREDIT CARD RE-

Accommodations

Country Suites Augusta Riverwalk
3 Ninth Street
Augusta, Georgia 30901
(706) 774-1400 or (800) 456-4000

TAG room rate: \$68.75 until 12 April.

The above is 125% of the prevailing government hotel rate exclusive of tax. Room tax in Augusta is 13%.

Mailing Address Line 1
Mailing Address Line 2
Mailing Address Line 3
Mailing Address Line 4
Mailing Address Line 5

DoD HFE TAG
Sheryl Cosing
10822 Crippen Vale Court
Reston, VA 20194

Department of Defense Human Factors Engineering Technical Advisory Group Meeting 49

Transformation:
HFE and C⁴ISR



12-15 May 2003

Country Suites Augusta
Riverwalk
3 Ninth Street
Augusta, GA 30901

Theme

This meeting will focus on the Human Factors Engineering (HFE) aspects of C⁴ISR (Command, Control, Computers, Communications, Intelligence, Surveillance and Reconnaissance) and Transformation, with special attention to communications.

"The political, technological, and economic realities ... dictate that we examine fundamental changes to our forces structure and mindset. Transforming the military will affect all service members and DoD civilians. New threats require new defenses, new methods, new equipment and just plain new thinking. And everyone must be involved."

DoD: Transforming the U.S. Military

With these words new challenges face HFE professionals. Fundamental changes in methods, equipment and missions change the roles, duties, tasks, and goals of every warfighter in this country. Increased responsibility, access to technology and security of our homeland will increase the burden on every user: military and civilian. To meet the challenge users must interact seamlessly with new technology, have the agility to jump to new methods, and embrace new ideas. Human Factors Engineers must also transform the way we interact with these programs.

Warfighters and civilians are being asked to accomplish increasingly com-

plex and increasingly crucial tasks in support of the goals of transformation:

- Protect the U.S. homeland and critical bases of operations.
- Project and sustain power in distant theaters.
- Deny our enemies sanctuary.
- Leverage information technology.
- Improve and protect information operations.
- Enhance space operations.

The capability areas of C⁴ISR play a role in each of these goals: command and control are important to projecting and sustaining our power in distant theatres and improving and protecting information operations; computers are vital to leveraging information technology and enhancing space operations; and intelligence, surveillance and reconnaissance are key to protecting our homeland and denying sanctuary to our enemy. The most significant capability area of all is communication. The ability to effectively share information in a timely manner enables all of the other capabilities in supporting Transformation.

Historically, communication has been a major problem in almost every joint service exercise in the past 20+ years. It is essential that our forces have the ability to physically communicate (infrastructure and interoperability) between themselves as well as the ability to communicate the intended meaning between people or platforms. HFE can contribute significantly to achieving the required transformation in communications. Major improvements in this area will have a high return on investment in military force effectiveness generally and in the ability to defend the homeland in particular.

Attendance Policies

Attendance at the DoD HFE TAG is open to:

- US Military/Government Employees
- National Laboratory or Federally contracted research center employees
- Official technical society/industrial association representatives
- Specifically invited plenary presenters/guests
- Students majoring in human factors or related disciplines

Program Summary

Detailed program information will be available on the TAG's web site. Please check the web site periodically for updates.

Contact Person:

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